COCAINE

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COCAINE CONTENT

- What is Cocaine?
  - History
  - How Is Cocaine Consumed?
- What are the Effects?
  - Physical Damage
  - Physiological Damage
- Addiction and Withdr
- Use in the United Sta
- Testing for Cocaine
- Useful Links

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WHAT IS COCAINE?

The Chemical Name for cocaine is Benzoylmethylecognine, a Central Nervous System Stimulant.

- ***Cocaine is a bitter, white, odorless, crystalline drug.***
- ***Cocaine is a Schedule II drug and is illegal to possess and sell in the United States.***
- ***Cocaine is extracted and refined from the Coca Plant, which is grown primarily in the Andean region of South America***

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HISTORY of COCAINE

3000 B.C. *The Coca Plant is believed to be a gift from God and Coca chewing is practiced throughout South America.*

1662 *Abraham Cowley writes a poem about Coca "A Legend of Coca". This is the first mention of the plant in English literature.*

1708 *Coca is first mentioned in a materia medica, Institutiones Medicae.*

1850's *Coca tinctures used in throat surgery*

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HISTORY of COCAINE

A Kilo Brick of Cocaine
from the Publisher Group

1870 Coca wine is sold throughout the United States and France with an average of 7mg of cocaine per ounce of wine.

1870s Parke, Davis manufactures a fluid extract of Coca.

1883 Merck produces ¾ pound of cocaine.

1884 Cocaine is regularly used as an anesthetic in eye surgery.

1884 Sigmund Freud publishes an article in which he recommends the use of cocaine to treat morphine addiction.

1884 Merck produces 3,179 pounds of cocaine.

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HISTORY of COCAINE

1886 *Merck produces 158,352 pounds of cocaine.*

1886 *Coca Cola is first produced containing syrup and caffeine laced with cocaine.*

1880s *Parke, Davis manufacture refined cocaine.*

1905 *The consumption of cocaine via snorting begins to gain popularity.*

1910 *First cases of nasal damage due to snorting cocaine are seen in hospitals.*

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HISTORY of COCAINE

1914 ***Cocaine is banned in the United States.***

1976 ***Freebase cocaine (Crack) is first developed.***

1980s ***Crack is popularized by dealers and glamorized by the Hollywood media.***

1981 ***Wholesale cost of 1 kg of cocaine is $55,000.***

1984 ***Wholesale cost of 1 kg of cocaine is $25,000.***

Mid 1980s ***Crack becomes the most addictive form of cocaine.***

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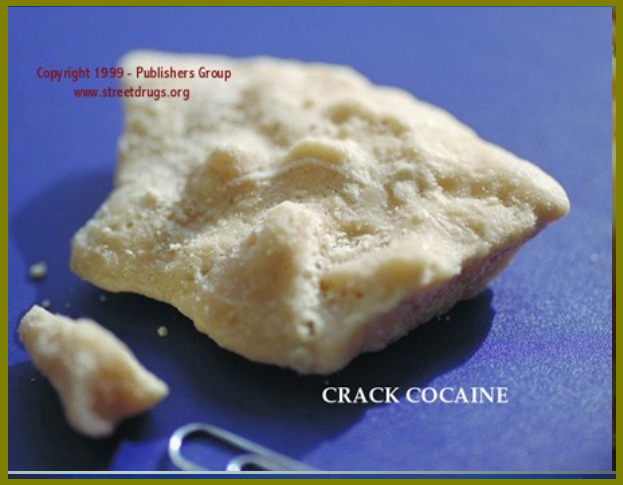
STREET NAMES

Cocaine can be found on the street using an infinite number of street names and slang:

- **DUST**
- **COKE**
- **FLAKES**
- **SNOW**
- **PEARL**
- **BLOW**
- **HEAVEN**
- **BLOKE**
- **CABELLO**
- **DREAM**
- **CRACK**
- **CANDY**



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HOW IS COCAINE CONSUMED?

Cocaine can be snorted, injected, smoked, or eaten. The level and length of the effects depend on how the drug was induced.

	Onset	Duration
Snorted	*1 minute*	*20-40 Minutes*
Injected	*1-5 Seconds*	*15-20 Minutes*
Smoked	*Immediate*	*5-15 Minutes*
Smoked	*Immediate*	*5-15 Minutes*

Smoked

PHYSICAL EFFECTS

While even the purest cocaine is extremely dangerous, the cocaine that is purchased on the street is even more so as it is often quite impure. Physical side effects that have been known to accompany

- ***Decreased Appetite***
- ***Increased Body Temper***
- ***Increased Heart Rate***
- ***Dilated Pupils***
- ***Nausea/Vomiting***
- ***Severe Nose Damage – When Snorted***
- ***Violent Behavior***
- ***Kidney Failure***
- ***Seizure and/or Stroke***
- ***Heart Attack***

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Heart Attack

PHYSIOLOGICAL EFFECTS

The physiological effects of cocaine vary more than the physical depending on the size of dose and user tolerance:

- ***Increased Alertness***
- ***Increases Athletic Performance***
- ***Decreased Fatigue***
- ***Increased Concentration***
- ***Insomnia***
- ***Increased Irritability***
- ***Increased Psychosis***
- ***Confused Behavior***
- ***Increased Fear***
- ***Extreme Paranoia***
- ***Anxiety Attacks***
- ***Hallucinations (in extreme cases)***
- ***Express Aggressive and Anti-social Behavior***

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ADDICTION AND WITHDRAWAL

Cocaine is considered to be one of the most addicting drugs consumed by man. Those who use cocaine heavily or regularly find it extremely difficult to stop and often encounter serious withdrawal sympton

- *Intense Cravings*
- *Severe Irritability*
- *Depression*
- *Paranoia*
- *Severe Apathy*
- *Loss of Sex Drive*
- *Insomnia*
- *Excessive Sleep*
- *Hunger*
- *Diarrhea*
- *Suicidal Ideation*
- *Heart Attack*

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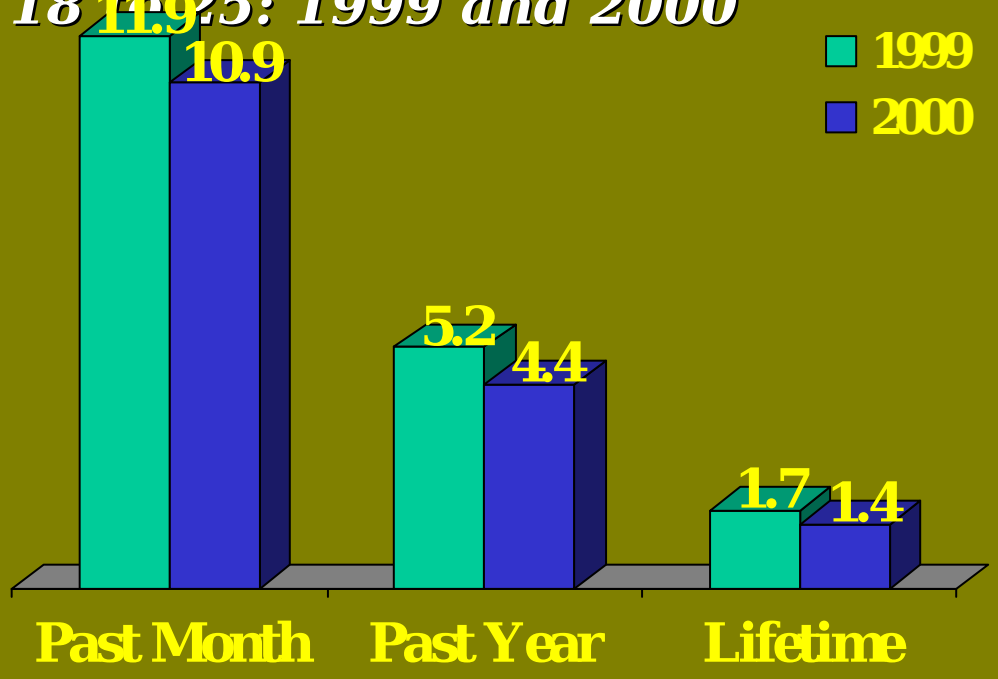
COCAINE USE IN THE UNITED STATES

Percentages Reporting Lifetime, Past Year, and Past Month Use of Illicit Drugs Among Persons Aged 18 to 25: 1999 and 2000



***2000 National Household Survey On Drug Abuse

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COCAINE TESTING IN THE ARMY

- *Cocaine is tested for in ALL urinalysis specimens.*
- *Cocaine is detectable for urine for 2-4 days after ingestion.*
- *Current Urinalysis data can be found at http://www.acsap.army.mil*

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ADDITIONAL RESOURCES

- http://www.drugabuse.gov/Infofacts/cocaine.html
- http://ncadi.samhsa.gov
- http://www.justice.gov/dea/index.htm
- http://www.whitehousedrugpolicy.gov/drugfact/cocaine/index.html

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Check Point!

Now You Choose…

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1. Cocaine is a central nervous system _____

Depressant ?

Stimulant ?

Inhalant ?

Hybrid ?

Correct!

Cocaine is a central nervous system stimulant.

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The correct answer is 'Stimulant'...

Cocaine is a central nervous system Stimulant.

WHAT IS COCAINE?

- ***The Chemical Name for cocaine is Benzoylmethylecognine, a Central Nervous System Stimulant.***
- *Cocaine is a bitter, white, odorless, crystalline drug.*
- *Cocaine is a Schedule II drug and is illegal to possess and sell in the United States.*
- *Cocaine is extracted and refined from the Coca Plant, which is grown primarily*

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2. Cocaine is considered to be one of the most addicting drugs consumed by man:

True?

False?

Correct!

Cocaine is considered to be one of the most addicting drugs consumed by man.

proceed

The correct answer is 'True'...

Cocaine is considered to be one of the most addicting drugs consumed by man.

ADDICTION AND

Cocaine is considered to be one of the most addicting drugs consumed by man.

Those who use cocaine heavily or regularly find it extremely difficult to stop and often encounter serious withdrawal symptoms such as:

- *Intense Cravings*
- *Severe Irritability*
- *Depression*
- *Paranoia*
- *Severe Apathy*
- *Loss of Sex Drive*
- *Insomnia*
- *Excessive Sleep*
- *Hunger*
- *Diarrhea*
- *Suicidal Ideation*
- *Heart Attack*

proceed

3. Cocaine is also known as _____

Blow ?

Smack ?

Lid ?

Joint ?

Correct!

Cocaine is also known as Blow.

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The correct answer is ‘Blow’…

Cocaine is also known as Blow.

STREET NAMES

Cocaine can be found on the street using an infinite number of street names and slang:

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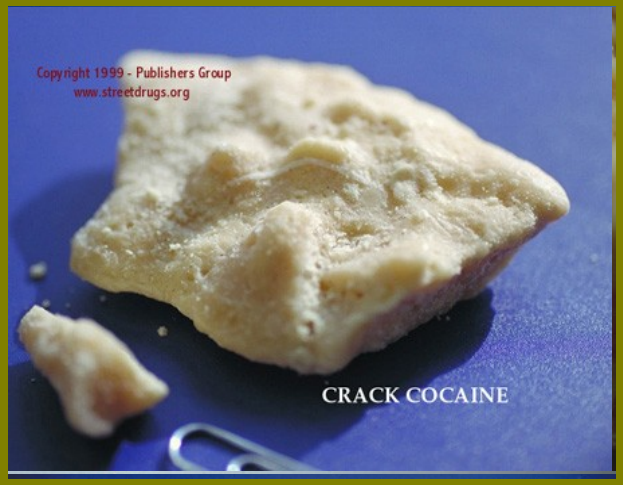

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4. Psychological dependence on cocaine is characterized by _____

Irritability ?
Fatigue ?
Seizures ?
Intense Craving

Correct!

Psychological dependence on cocaine is characterized by

Intense Cravings.

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The correct answer is 'Intense Cravings'...

Psychological dependence on cocaine is characterized by Intense Cravings.

ADDICTION AND WITHDRAWAL

Cocaine is considered to be one of the most addicting drugs consumed by man. Those who use cocaine heavily or regularly find it extremely difficult to stop and often encounter s

symptoms such a

- ***Intense Cravings***
- *Severe Irritability*
- *Depression*
- *Paranoia*
- *Insomnia*
- *Excessive Sleep*
- *Hunger*
- *Diarrhea*
- *Suicidal Ideation*
- *Heart Attack*

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- ***Severe Apathy***

ed.

5. The Army tests all urine samples for cocaine:

True?

False?

Correct!

The Army tests all urine samples for cocaine.

proceed

The correct answer is 'True'...

The Army tests all urine samples for cocaine.

Army Drug Screening Labs

- **Every specimen screened for the following drugs:**
  - THC, **Cocaine**, Amphetamines (includes Methamphetamines, Ecstasy and other designer drugs)
  - At least one of the following:
    - Opiates (Codeine, Morphine, Heroin)
    - PCP
    - LSD
    - Barbiturates
  - Steroids can be checked upon request at the UCLA Olympic analytical drug lab.

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Thank You…

please advance to
certificate

Type your name and organization, and print it.

Save a copy to your files and email it to usarmy.lee.imcom.mbx.leee-ima-adco@mail.mil & your organization Training Officer confirming you have completed this Army Substance Abuse Program online training.

(If you have questions, call 734-9079.)